

The seal of the City of Houston, Texas, is a circular emblem. It features a central five-pointed star above a steam locomotive. Below the locomotive is a plow. The words "CITY OF HOUSTON" are arched across the top, and "TEXAS" is arched across the bottom. The entire seal is rendered in a light gray, semi-transparent style.

SOLID WASTE MANAGEMENT FACILITIES

Solid Waste Management Facilities

As a steward of the public trust, the objectives of the Solid Waste Management Department's five year Capital Improvement Plan are to maintain, preserve, and extend its physical assets, as well as to provide solid waste services to the residents of Houston through the collection, disposal and recycling of discarded material in a manner that is safe, efficient, environmentally sound and cost-effective.

The Solid Waste Management Department maximizes integrated solid waste management services for all citizens of Houston through bond improvement projects, while efficiently managing competing constraints, i.e. environmental mandates and annual budget, on current and long-term assets.

Highlights for the Fiscal Year 2018 - 2022 Adopted CIP include:

- A "turnkey" integrated, a cloud-based automated vehicle Tracking, Route and Performance Management System (TRPMS) utilizing the City's Geographic Information System (GIS). The system will be capable of tracking and reporting location, direction of travel, vehicle speed, as well as deliver near real-time metrics of garbage and recycling collections, heavy trash collections and tree waste removal vehicle operations.
- Replacement of aging underground storage tanks that have exceeded their useful lives.
- Repair of existing fixed assets such as failing concrete pavement at service centers and partitioning traffic patterns on city sites.
- Voluntary cleanup programs at a closed landfill and contracting through the city environmental division for all environmental services.



Project Allocation	Fiscal Year Planned Appropriations					2018-2022
	2018	2019	2020	2021	2022	
Planning						
Acquisition-Land						
Design	866	51	73	29	40	1,059
Construction	3,315	10,181	1,070	1,287	1,001	16,854
Equipment Acquisition	476		90			566
Salary Recovery	254	254	254	254	254	1,270
Other	15	158				173
Total Allocation	4,926	10,644	1,486	1,569	1,296	19,922
Source of Funds						
1800 - Equipment Acquisition Consolidated Fund	476		90			566
4503 - Solid Waste Consolidated Construction Fd	3,624	1,032				4,656
Future Bond Election	826	9,612	1,396	1,569	1,296	14,699
Total Funds	4,926	10,644	1,486	1,569	1,296	19,922

SOLID WASTE FACILITIES - Summary of Funds
2018-2022 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CIP No.	Project	Fiscal Year Planned Appropriations					2018-2022	
		2018	2019	2020	2021	2022		
L-000029	Remediation and Tank Replacement-NW SC							
	4503 - Solid Waste Consolidated Construction Fd		560				560	
	Project Total		560				560	
L-000052	Environmental Services							
	4503 - Solid Waste Consolidated Construction Fd	100	100				200	
	Future Bond Election			267	267	167	701	
	Project Total	100	100	267	267	167	901	
L-000078	New Multi-Use SWD Facility							
	Future Bond Election	826	9,158				9,984	
	Project Total	826	9,158				9,984	
L-000080	11500 South Post Oak Fuel Site							
	4503 - Solid Waste Consolidated Construction Fd	1,869					1,869	
	Project Total	1,869					1,869	
L-000086	Concrete & Pavement Repairs							
	4503 - Solid Waste Consolidated Construction Fd	61	61				122	
	Future Bond Election			61	61		122	
	Project Total	61	61	61	61		244	
L-000099	Bioremediation Equipment							
	1800 - Equipment Acquisition Consolidated Fund	100					100	
	Project Total	100					100	
L-000100	Holmes Road Incinerator Remediation							
	4503 - Solid Waste Consolidated Construction Fd	1,300					1,300	
	Project Total	1,300					1,300	

SOLID WASTE FACILITIES - Summary of Funds
2018-2022 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CIP No.	Project							2018-2022	
			2018	2019	2020	2021	2022		
L-000102	Oil Storage Tank Containments								
	Future Bond Election				177			177	
	Project Total				177			177	
L-000103	Roll-off Covers for Dumpsters								
	1800 - Equipment Acquisition Consolidated Fund				90			90	
	Project Total				90			90	
L-000104	Occupancy Code Compliance								
	4503 - Solid Waste Consolidated Construction Fd			311				311	
	Future Bond Election				104	104		208	
	Project Total			311	104	104		519	
L-000105	Locker Room Upgrades - Svc Centers								
	4503 - Solid Waste Consolidated Construction Fd		40					40	
	Future Bond Election			200	200	40		440	
	Project Total		40	200	200	40		480	
L-000106	Public Parking Addition-9003 N. Main								
	Future Bond Election				44	554		598	
	Project Total				44	554		598	
L-000107	Bioremediation of Pollution Controls								
	Future Bond Election				289	289	289	868	
	Project Total				289	289	289	868	
L-000108	Storm Water Mitigation								
	Future Bond Election						585	585	
	Project Total						585	585	

SOLID WASTE FACILITIES - Summary of Funds
2018-2022 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CIP No.	Project							2018-2022	
			2018	2019	2020	2021	2022		
L-000109	Facilities Security Upgrades								
	1800 - Equipment Acquisition Consolidated Fund		376					376	
	Project Total		376					376	
L-000SAL	Salary Recovery								
	4503 - Solid Waste Consolidated Construction Fd		254					254	
	Future Bond Election			254	254	254	254	1,016	
	Project Total		254	254	254	254	254	1,270	
Total Appropriations:			4,926	10,644	1,486	1,569	1,296	19,922	

SOLID WASTE - Department Related Projects
2018 - 2022 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

This page lists projects that support the department but are found in other sections of the Capital improvement Plan

Section	Project	Fiscal Year Planned Appropriations					2018 -2022
CIP No.		2018	2019	2020	2021	2022	
Fleet							
W-21ATSH	SWD - Automated Trash Vehicles						
	1800 - Equipment Acquisition Consolidated Fund	3,300	3,396	3,492	3,600	4,017	17,805
	Project Total	3,300	3,396	3,492	3,600	4,017	17,805
W-21NDES	SWD - Neighborhood Depositories						
	1800 - Equipment Acquisition Consolidated Fund	280	285	290	295	300	1,450
	Project Total	280	285	290	295	300	1,450
Information Technology							
X-210001	SWD - Vehicle Tracking & Performance Sys						
	1800 - Equipment Acquisition Consolidated Fund	1,058					1,058
	Project Total	1,058					1,058
Total Appropriations:		4,638	3,681	3,782	3,895	4,317	20,313



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